

IN THE SPECIFICATION:

Please replace the paragraph on page 10, line 28 to page 11, line 8 with the following paragraph.

For a proper perspective, a representative data packet with a TCP/IP header will be described. Fig. 4 depicts such a data packet. When data is to be transmitted to a target computer system from a source system, the source system will first divide the data into packets, if the data is of a length longer than the allowable data packet length. Each packet then is sent to a TCP stack where a TCP header 405 is added to data 410. From the TCP stack, the data packet including the TCP header 405 is forwarded to an IP stack. There, IP header 400 is added to the data packet. Once the IP header is added, the data packet is allowed to enter the network through an a network interface (e.g., an Ethernet adapter or card).